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                       Bases**, Volume 9 Issue 3
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       When implementing persistent objects on a relational database, a major performance
       issue is prefetching data to minimize the number of round-trips to the database. This is
       especially hard with navigational applications, since future accesses are unpredictable. We
       propose the use of the context in which an object is loaded as a predictor of future
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Keywords: Caching, Object-oriented database, Object-relational mapping, Prefetch

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   Adrian E. Conway
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   D. Chrétien, Y. Viémont, T. Larue, R. Legoff, D. Pastre
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   Keywords: geographical database system, spatial data, spatial language

7  Realizing the performance potential of the virtual interface architecture
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8  Modeling methodology: Distributed supply chain simulation in GRIDS
   Rajeev Sudra, Simon J. E. Taylor, Tharumasegaram Janahan
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   Amongst the majority of work done in Supply Chain Simulation, papers have emerged
   that examine the area of model distribution. The executions of simulations on distributed
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   advantages of transparently connecting the distributed components of a suppl ...

9  A concurrent migration extension to an end-to-end host mobility architecture
   Sameer Tilak, Nael B. Abu-Ghazaleh
   July 2001 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 5
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   With the proliferation of mobile devices and the emergence of the internet as a global
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   delivery of data between the peers even as they change location. The accepted solution
   for mobility is Mobile IP, an IETF standard supporting mobility in the network layer.
   Recently, Snoren and Balakrishnan suggested an end-to-end implementati ...

10  The Parallel Protocol Engine

Matthias Kaiserswerth
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**Publisher:** IEEE Press

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Peter Lorenz, Thomas J. Schriber, Heiko Dorwarth, Klaus-Christoph Ritter
December 1997 **Proceedings of the 29th conference on Winter simulation**
**Publisher:** ACM Press

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Bernard P. Zeigler, Doohwan Kim, Stephen J. Buckley
December 1999 **Proceedings of the 31st conference on Winter simulation: Simulation---a bridge to the future - Volume 2**
**Publisher:** ACM Press

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**13** <u>PREDATOR: a resource for database research</u>
Praveen Seshadri
March 1998 **ACM SIGMOD Record**, Volume 27 Issue 1
**Publisher:** ACM Press

Full text available: pdf(35.00 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

This paper describes PREDATOR, a freely available object-relational database system that has been developed at Cornell University. A major motivation in developing PREDATOR was to create a modern code base that could act as a research vehicle for the database community. Pursuing this goal, this paper briefly describes several features of the system that should make it attractive for database research and education.

**14** <u>Cellular networks: past, present and future</u>
Lourens O. Walters, P. S. Kritzinger
December 2000 **Crossroads**, Volume 7 Issue 2
**Publisher:** ACM Press

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**15** <u>Special issue on distributed computing: Quick-tests for characterizing distributed systems</u>
Rick Cormier, Ed Guy, David E Ruddock
April 1999 **ACM SIGAPP Applied Computing Review**, Volume 7 Issue 1
**Publisher:** ACM Press

Full text available: pdf(396.61 KB)    Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

This paper discusses some problems caused by inadequately characterizing distributed and system architectures. It presents a classification system for decomposing distributed systems and presents a few simple test cases. To allow system designers to characterize different aspects of their environments, we have started a collection of simple Quick-Tests.

**16** <u>Exploiting style in architectural design environments</u>
David Garlan, Robert Allen, John Ockerbloom

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**Publisher:** ACM Press

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As the design of software architectures emerges as a discipline within software engineering, it will become increasingly important to support architectural description and analysis with tools and environments. In this paper we describe a system for developing architectural design environments that exploit architectural styles to guide software architects in producing specific systems. The primary contributions of this research are: (a) a generic object model for representing architectural design ...

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Alan Knight

January 2000 **Addendum to the 2000 proceedings of the conference on Object-oriented programming, systems, languages, and applications (Addendum)**

**Publisher:** ACM Press

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Michael Caruso, Stan Zdonik

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**Publisher:** ACM Press

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Surajit Chaudhuri

June 1997 **ACM SIGMOD Record , Proceedings of the 1997 ACM SIGMOD international conference on Management of data SIGMOD '97,** Volume 26 Issue 2

**Publisher:** ACM Press

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Ronald G. Ross

May 2000 **ACM SIGMOD Record , Proceedings of the 2000 ACM SIGMOD international conference on Management of data SIGMOD '00,** Volume 29 Issue 2

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